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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
ANDREJ S. MITROVIC : EXAMINER: SAXENA, AKASH
SERIAL NO: 10/673,583 :
FILED: SEPTEMBER 30, 2003 : GROUP ART UNIT: 2128
FOR: SYSTEM AND METHOD FOR :
USING FIRST-PRINCIPLES
SIMULATION TO PROVIDE VIRTUAL
SENSORS THAT FACILITATE A
SEMICONDUCTOR MANUFACTURING
PROCESS

AMENDMENT UNDER 37 C.F.R. § 1.111

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated September 20, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.

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